

To: Distribution

From: Stephen Smith, Technical Writer

Thru: Ernestine Bryant, STOrage and RETrieval (STORET), Project Manager (PjM),

Solutions Delivery Center (SDC)

Subject: Minutes of STORET Change Control Board (CCB) Meeting

1.0 Purpose

A CCB Meeting was held on September 22, 2004 at the SDC. The purpose of the meeting was to review and address the status of current project activities, resolve project issues, and ensure that activities are within the scope of the Job Assignment (JA).

2.0 Attendees

Bryant, Ernestine - Project Manager King, Robert - Job Assignment Manager (JAM) Manning, Lee Norris, Blythe Thadkamalla, Ganesh Wilson, Joseph

3.0 Discussion Topics

The discussion covered the following topics:

- Action Items.
- STORET National Conference.
- Central Warehouse.
- Central Administration Module.

3.1 Introduction

Attendees opened the meeting with a summary of project activities and a status of open action items. SIR Log (Attachment A) and User Support Log (Attachment B) are included as deliverables with these CCB Minutes.

3.2 STORET National Conference

The National STORET Users Conference will be held November 15 - 17, 2004, in New Orleans, Louisiana. A separate meeting will be held to discuss the Project Team involvement and support.

3.3 Central Warehouse

Automated tracking of Central Warehouse Data requests (SIR 1631) - The download requests will be tracked in the database by saving request information in a table located in STORETW schema. The following information will be recorded for each data request:

- Type of Report.
- Date and timestamp. This will be the same as used for report file name.
- Size of data file.
- Search criteria as boolean.

Station Type information in Result downloads (SIR1638) - Options for storing station type information in the result fact tables were discussed and the following decisions made:

- Store station types in result fact tables using a foreign key.
- Provide the option of downloading station type data in all types of result downloads.
- Include "Station Types" element group above the element "S/G/O Indicator" in "Select Data Elements for Report" section of Result Search Summary page.

The STORET development staff will coordinate with K. Christian on Extract, Transform, and Load (ETL) performance improvement strategies.

3.4 Central Administration Module

Native American Land (TSMNAL) reference table maintenance design was reviewed (Attachment C) and approved with the followed change:

• Populate the State drop down list with TSMGEOPA State Postal Codes.

Analytical Procedure (TSRANLPR) reference table maintenance design was reviewed (Attachment D) and approved with the following changes:

- Include all columns as well as foreign keys on the maintenance list form.
- Add a search criteria popup on the maintenance list form to filter based on TSRANLPR_IS_NUMBER or Procedure_ID. As a general comment, any time a search criteria is required, include the associated IS Number column.
- Do not include a field for Description Text in the data entry form.
- Reverse order of Source Name and Acronym on data entry form to match order on associated selection list.
- Use Datagrid instead of Listbox control for pop-up selection lists.

4.0 Action Item Summary

Action items and their status are as follows:

Number	Action Item	Assignment	Date Issued	Status	Date Completed
0001	Research VB.NET capabilities and provide response.	B. Norris	06/02/2004	Closed	09/08/2004
0002	Provide STORET team with copy of Dasler software.	B. King	06/02/2004	Closed	08/25/2004
0003	Provide BEACHES program with STORET architecture information (e.g., Entity Relationship Diagram, data definitions).	J. Wilson	06/28/2004	Closed	07/28/2004
0004	Run ETL software week of July 12 th .	J.Wilson	06/28/2004	Closed	07/28/2004

Number	Action Item	Assignment	Date Issued	Status	Date Completed
0005	Provide copy of email discussing required changes to implement Uniform Resource Locator (URL) encoding for the Station Home Page.	B. Norris	06/14/2004	Closed	08/06/2004
0006	Send Report Module v2.0.3 deliverable.	S. Smith	07/28/2004	Closed	07/28/2004
0007	Include scripts to remove orphaned rows and nullify type_name column in TSRCHALS for next reference table upgrade.	L. Manning	07/28/2004	Closed	08/23/2004
0008	Investigate ITIS data acquisition and supplementary data processing.	L. Manning	07/28/2004	Open	
0009	Examine Native American Land (NAL) data for compliance to the Environmental Data Registry (EDR).	B. Norris	08/23/2004	Closed	09/08/2004
0010	Review structure of TSMNAICS table to see if it was expanded from its original source.	S. Smith	08/23/2004	Closed	09/08/2004
0011	Send Data Entry Module v2.0.1 deliverable.	S. Smith	09/08/2004	Closed	09/08/2004

5.0 Next Meeting

The next meeting will be held October 19, 2004 at 1:00 p.m.

6.0 Distribution

Name	Email
Bryant, Ernestine	
Christian, Kevin	Christian.Kevin@epamail.epa.gov
King, Robert	King.Robert@epamail.epa.gov
Manning, Lee	Manning.Lee@epamail.epa.gov
McElhinney, Cary	Mcelhinney.Cary@epa.gov
Szajgin, Tracey	

Name	Email
Wilson, Joseph	Wilson.Joe@epa.gov

7.0	Approval of Minutes		
Robe	ert E. King	Date	
Job A	Assignment Manager		

ATTACHMENT A

SIRs Since Last CCB

Software Incident Reports Since Last CCB - Period: September 7, 2004 to September 21, 2004					
Release Version	Date Initiated	nitiated SIR # Description			
C2.0.4	09 09 2004	1638	Add Primary and Secondary Station Type Codes, with data type of VARCHAR2, to the Result fact tables.		
R2.0.4	09 08 2004	1639	Modify installation so that data associated with previous upgrades does not produce constraint violations.		
T2.0.1	09 08 2004	1636	Create a Field/Lab Analytical Procedure maintenance area that is compatible with the P2.0 database.		
T2.0.1	09 08 2004	1637	Create a Lab Sample Prep Procedure maintenance area that is compatible with the P2.0 database.		

Legend for System Version:

System Letter is concatenated with Version Number. System Letter Key:

C = Central Warehouse, E = Station Home Page, P = Data Entry Module, R = Report Module, T = Central Administration, U = Utilities

ATTACHMENT B

User Support Log

User Support Log - Period: September 7, 2004 to September 21, 2004						
Date Received	Application	Issue	Response			
9/7/04	Reference Table Application	The Reference Table Application is placing a single blank space rather than null in the TSRCHAR TAXON_SORT_CODE upon updating or inserting a non-Taxon name. Historically, this field had been null, and is now a mix of null and <space>. Lee suspects this is associated with IEF/Composer/COOL:Gen/COOL. This can be fixed with a post-processing script (SET TAXON_SORT_CODE="WHERE TAXON_SORT_CODE="WHERE TAXON_SORT_CODE="Update: 1.5 but it would be nice if it didn't do this. Any suggestions?</space>	Ernestine initially responded to Lee via phone call. Discussed again during the CCB on 09/22/2004. It is definitely a COOL:Gen issue. A post-processing script will be used until further notice.			
9/14/04	Data Entry Module	User asked about the options on screen NA1 Native American Land Selection List. Only tribes with reservations were included in this list, thus excluding 38 of the 39 federally recognized tribes in Oklahoma.	This can be resolved with an update to the TSMNAL reference table. No change is required in the Data Entry Module. On window NAL1, the list is based on the TSMNAL table, by state. Additional Oklahoma tribes need to be added to the reference table, and may be released as a reference table update.			

User Support Log - Period: September 7, 2004 to September 21, 2004						
Date Received	Application	Issue	Response			
9/16/04	Data Entry Module	User wants to know where to find the choice list for the following Characteristics:	This choice list is maintained in the TSRCPV (i.e., Characteristic Permitted Value) reference table.			
		Weather condition (WMO code 4501) (choice list)	Name	Null?	Туре	
	Weather condition (WMO code 4677) (choice list)	Weather condition (WMO code 4677) (choice list)	TSRCPV_IS_NUMBER TSRCPV ORG ID	NOT NULL	NUMBER (12) CHAR (8)	
		Is there a valid values list somewhere in STORET?	SHORT_NAME DESCRIPTION TEXT	NOT NULL	` '	
			D_USERID_CODE D_LAST_UPDATE_TS TSRCHAR_IS_NUMBER TSRCHAR_ORG_ID	NOT NULL		
			The relationship to TSRCHAR points with D_SCR_TYPE_CD = 'PV' (e.g., V) (WMO code 4501) (choice list)).			

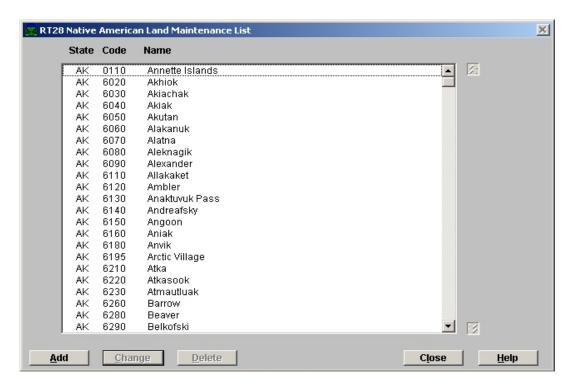
ATTACHMENT C

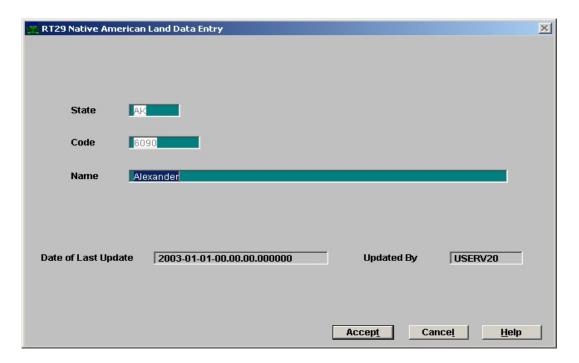
TSMNAL Window Design

SQL> desc tsmnal;

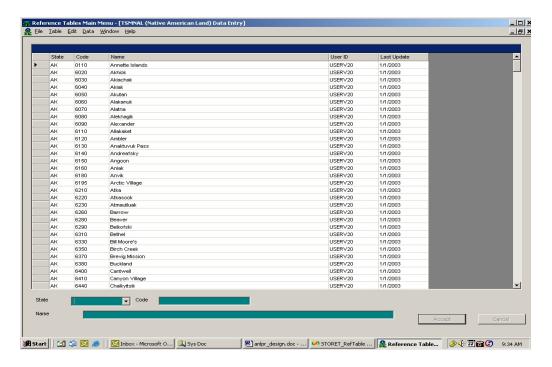
Name	Null?	Type
TSMNAL CD	NOT NULL	CHAR(5)
TSMNAL_STATE	NOT NULL	CHAR(2)
TSMNAL_ORG_ID	NOT NULL	CHAR(8)
NAME	NOT NULL	VARCHAR2 (40)
D_USERID_CODE	NOT NULL	CHAR(8)
D_LAST_UPDT_TS	NOT NULL	DATE

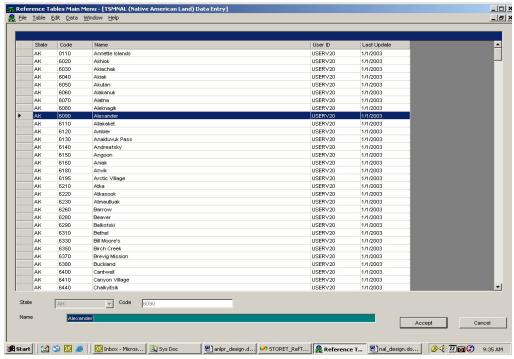
Current Design (COOL:Gen):





Proposed Design (VB.NET):





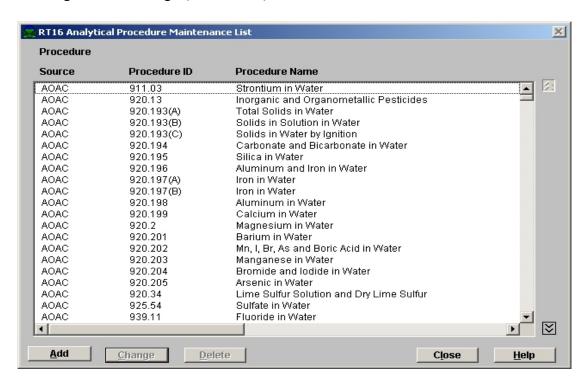
ATTACHMENT D

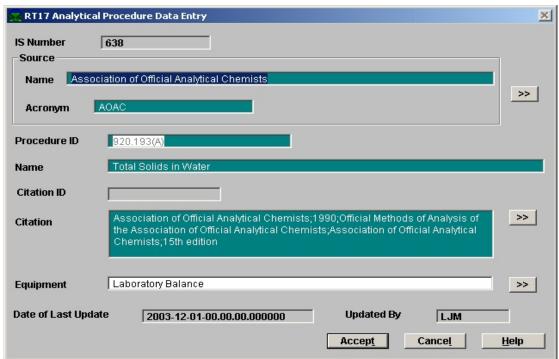
TSRANLPR Window Design

SQL> desc tsranlpr;

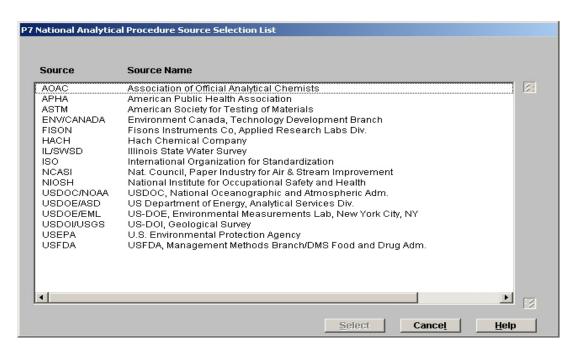
Name	Null?	Type
TSRANLPR_IS_NUMBER		NUMBER (12)
TSRANLPR_ORG_ID	NOT NULL	
OWNER_TYPE_CODE	NOT NULL	• •
PROCEDURE_ID	NOT NULL	CHAR (15)
NAME	NOT NULL	VARCHAR2(120)
SOURCE_NAME	NOT NULL	VARCHAR2 (65)
SOURCE_ACR		CHAR (12)
D_USERID_CODE	NOT NULL	CHAR(8)
D_LAST_UPDATE_TS	NOT NULL	DATE
TSRCITN_IS_NUMBER		NUMBER (12)
TSRCITN_ORG_ID		CHAR(8)
TSRANLPROIS_NUMBER		NUMBER (12)
TSRANLPROORG_ID		CHAR(8)
TSRANLEQ_IS_NUMBER		NUMBER (12)
TSRANLEQ_ORG_ID		CHAR(8)
DESCRIPTION_TEXT		VARCHAR2 (4000)

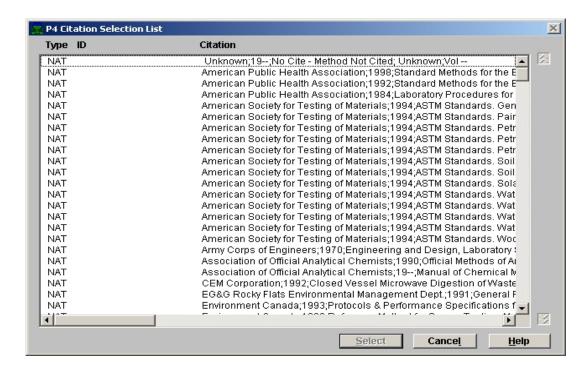
Existing Window Design (COOL:Gen):

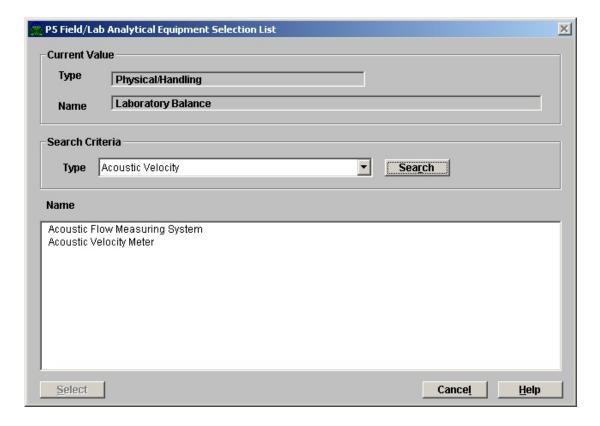




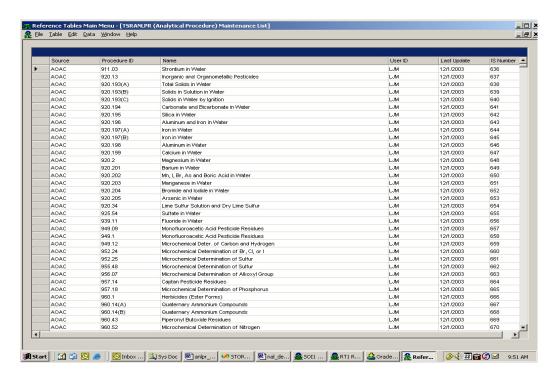
Selection Lists:

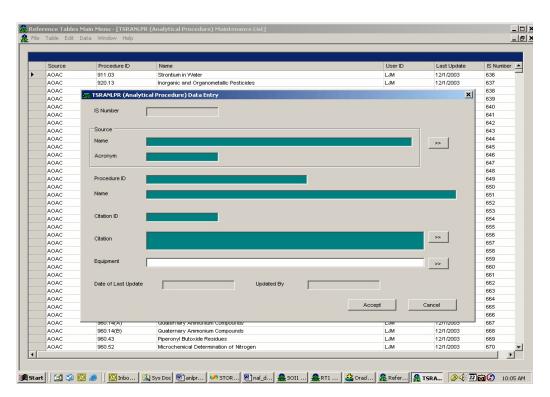




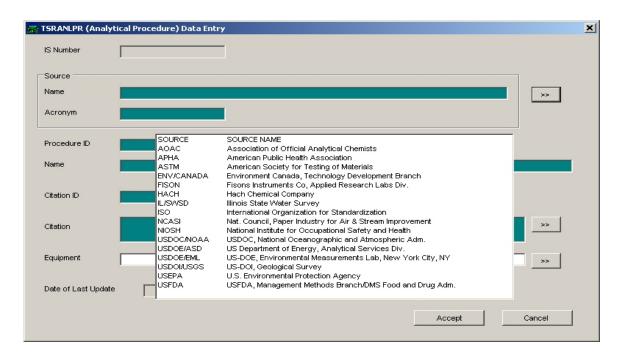


Proposed New Design (VB.NET):

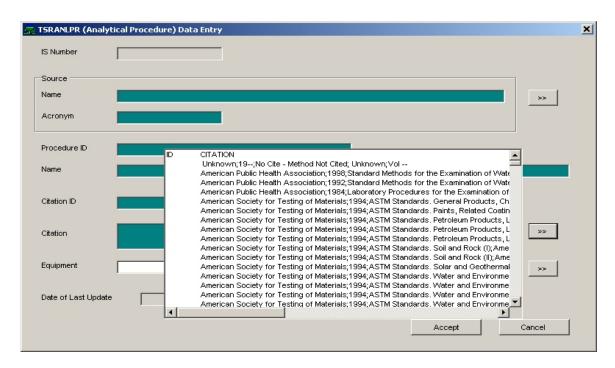




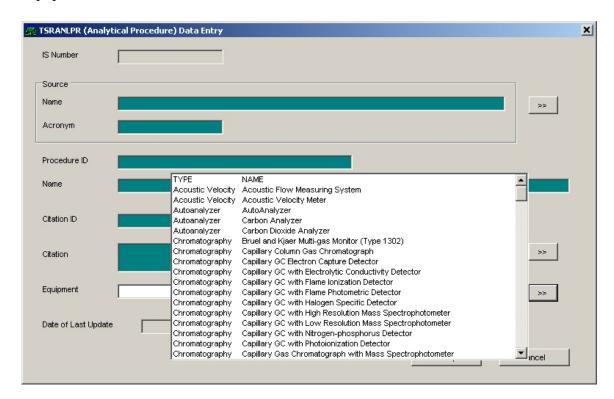
Source List of Values:



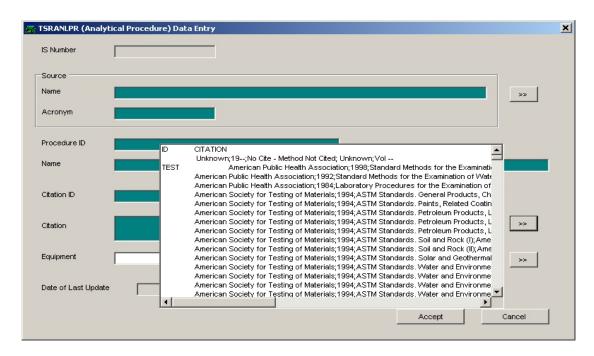
Citation List of Values:



Equipment List of Values:



Problem with List Box (tabbing between columns):



Datagrid would eliminate this problem.

Citation list as a DataGrid:

